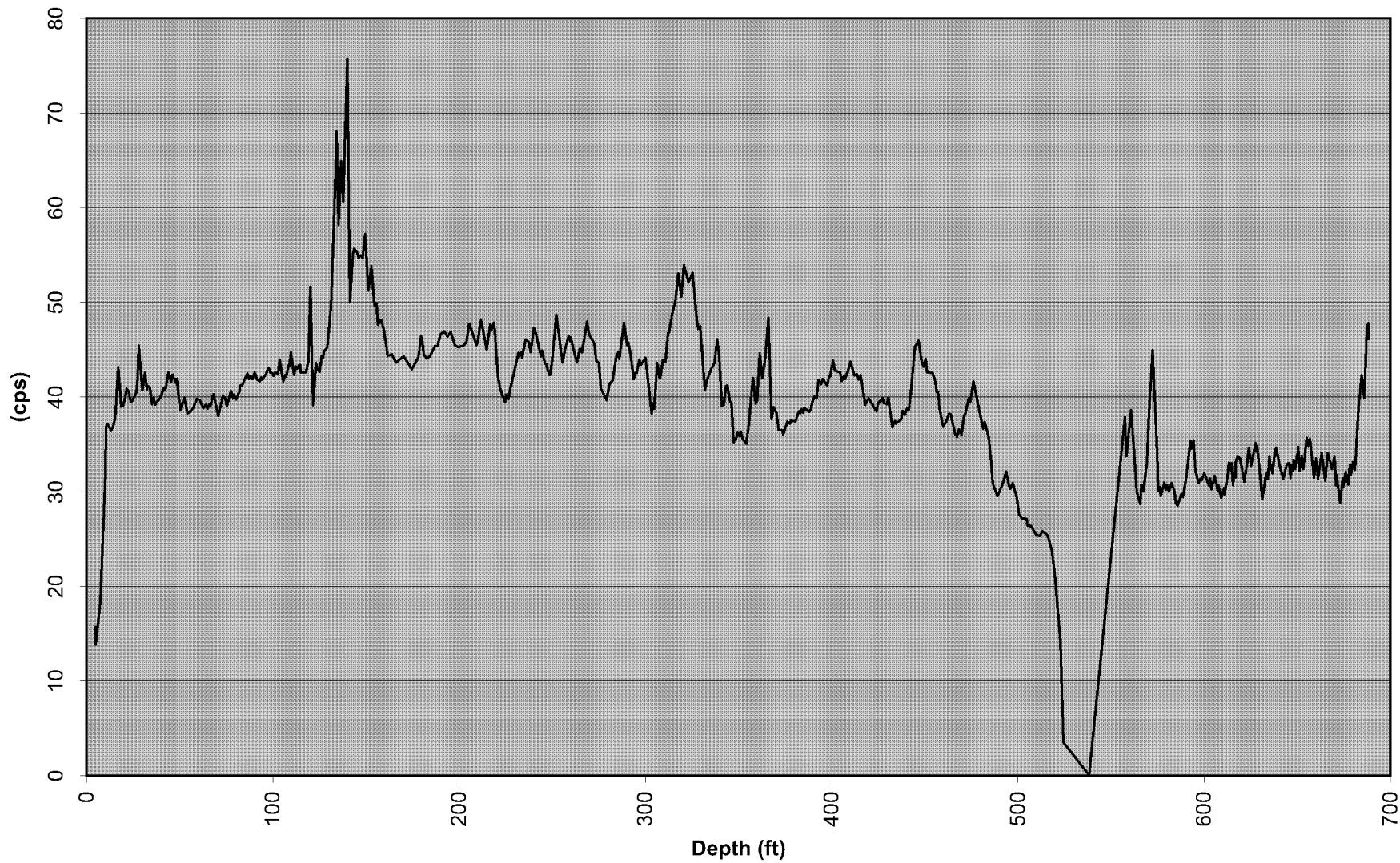


**USGS 104 Gamma/Gamma**



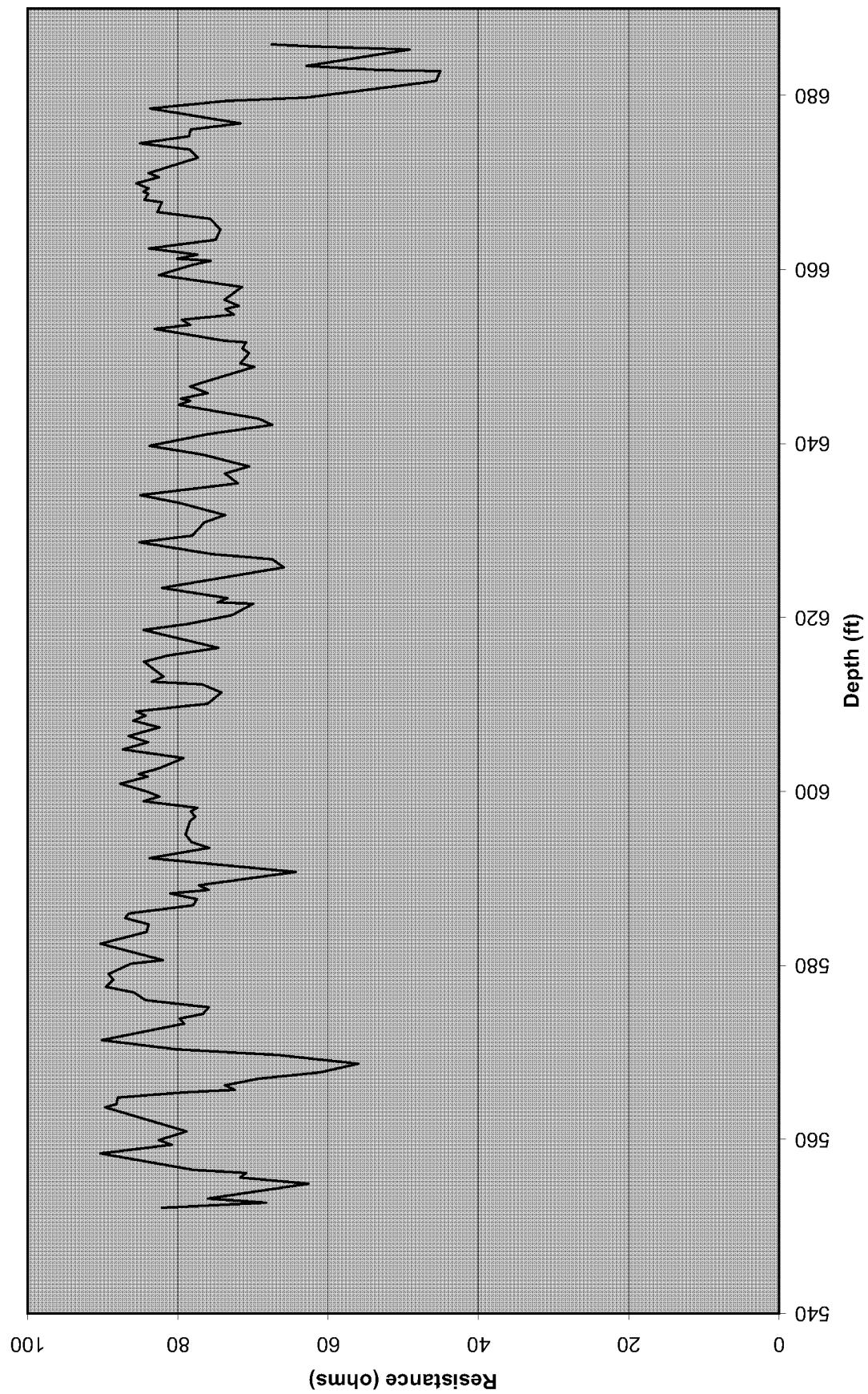
Well	Date	Log	Depth	Ohms
a:gs104fra	8/25/1980	formationresistivity_fra		sc=20ohms
usgs 104	25-AUG-80	formationresistivity_fra	552.12	82.12
usgs 104	25-AUG-80	formationresistivity_fra	552.71	68.28
usgs 104	25-AUG-80	formationresistivity_fra	553.16	75.98001
usgs 104	25-AUG-80	formationresistivity_fra	554.88	62.63
usgs 104	25-AUG-80	formationresistivity_fra	555.61	71.69
usgs 104	25-AUG-80	formationresistivity_fra	556.16	70.93
usgs 104	25-AUG-80	formationresistivity_fra	556.48	77.99
usgs 104	25-AUG-80	formationresistivity_fra	558.37	90.31
usgs 104	25-AUG-80	formationresistivity_fra	559.4	80.78
usgs 104	25-AUG-80	formationresistivity_fra	559.88	82.47
usgs 104	25-AUG-80	formationresistivity_fra	560.9	78.82
usgs 104	25-AUG-80	formationresistivity_fra	563.68	89.72
usgs 104	25-AUG-80	formationresistivity_fra	564.01	88.12
usgs 104	25-AUG-80	formationresistivity_fra	564.79	87.96
usgs 104	25-AUG-80	formationresistivity_fra	565.37	79.32
usgs 104	25-AUG-80	formationresistivity_fra	565.68	72.37
usgs 104	25-AUG-80	formationresistivity_fra	566.21	73.7
usgs 104	25-AUG-80	formationresistivity_fra	566.96	69.16001
usgs 104	25-AUG-80	formationresistivity_fra	567.67	61.08
usgs 104	25-AUG-80	formationresistivity_fra	568.69	56.02
usgs 104	25-AUG-80	formationresistivity_fra	569.7	66.69
usgs 104	25-AUG-80	formationresistivity_fra	570.33	80.13
usgs 104	25-AUG-80	formationresistivity_fra	571.4	90.07
usgs 104	25-AUG-80	formationresistivity_fra	573.27	79.18
usgs 104	25-AUG-80	formationresistivity_fra	573.85	79.7
usgs 104	25-AUG-80	formationresistivity_fra	574.4	76.67
usgs 104	25-AUG-80	formationresistivity_fra	575.18	75.88
usgs 104	25-AUG-80	formationresistivity_fra	576	84.29
usgs 104	25-AUG-80	formationresistivity_fra	576.86	85.83999
usgs 104	25-AUG-80	formationresistivity_fra	577.51	89.54
usgs 104	25-AUG-80	formationresistivity_fra	578.38	88.58999
usgs 104	25-AUG-80	formationresistivity_fra	578.98	89.19
usgs 104	25-AUG-80	formationresistivity_fra	580.21	86.26999
usgs 104	25-AUG-80	formationresistivity_fra	580.57	81.95
usgs 104	25-AUG-80	formationresistivity_fra	582.5	90.26999
usgs 104	25-AUG-80	formationresistivity_fra	583.85	84.1
usgs 104	25-AUG-80	formationresistivity_fra	584.74	83.88
usgs 104	25-AUG-80	formationresistivity_fra	585.42	87.01999
usgs 104	25-AUG-80	formationresistivity_fra	586.01	86.51999
usgs 104	25-AUG-80	formationresistivity_fra	586.89	77.95
usgs 104	25-AUG-80	formationresistivity_fra	587.65	77.46
usgs 104	25-AUG-80	formationresistivity_fra	588.25	81.02
usgs 104	25-AUG-80	formationresistivity_fra	588.68	75.91001
usgs 104	25-AUG-80	formationresistivity_fra	589.17	77.14
usgs 104	25-AUG-80	formationresistivity_fra	590.71	64.35
usgs 104	25-AUG-80	formationresistivity_fra	592.32	83.73001
usgs 104	25-AUG-80	formationresistivity_fra	593.5	75.79
usgs 104	25-AUG-80	formationresistivity_fra	594.14	78.17
usgs 104	25-AUG-80	formationresistivity_fra	595.06	78.95
usgs 104	25-AUG-80	formationresistivity_fra	596.57	78.36

Well	Date	Log	Depth	Ohms
a:gs104fra	8/25/1980	formationresistivity_fra		sc=20ohms
usgs 104	25-AUG-80	formationresistivity_fra	597.07	77.67
usgs 104	25-AUG-80	formationresistivity_fra	597.69	78.24
usgs 104	25-AUG-80	formationresistivity_fra	598.12	77.35
usgs 104	25-AUG-80	formationresistivity_fra	598.89	84.54
usgs 104	25-AUG-80	formationresistivity_fra	599.39	82.41001
usgs 104	25-AUG-80	formationresistivity_fra	599.91	83.94
usgs 104	25-AUG-80	formationresistivity_fra	600.87	87.58999
usgs 104	25-AUG-80	formationresistivity_fra	601.72	84.01
usgs 104	25-AUG-80	formationresistivity_fra	601.97	85.17
usgs 104	25-AUG-80	formationresistivity_fra	602.63	82.46
usgs 104	25-AUG-80	formationresistivity_fra	603.79	79.23001
usgs 104	25-AUG-80	formationresistivity_fra	604.82	87.28
usgs 104	25-AUG-80	formationresistivity_fra	605.63	83.94
usgs 104	25-AUG-80	formationresistivity_fra	606.38	86.51999
usgs 104	25-AUG-80	formationresistivity_fra	607.38	82.43
usgs 104	25-AUG-80	formationresistivity_fra	608.12	85.93
usgs 104	25-AUG-80	formationresistivity_fra	608.7	84.29
usgs 104	25-AUG-80	formationresistivity_fra	609.16	85.54
usgs 104	25-AUG-80	formationresistivity_fra	609.82	78.71
usgs 104	25-AUG-80	formationresistivity_fra	610.09	76
usgs 104	25-AUG-80	formationresistivity_fra	611.38	74.22
usgs 104	25-AUG-80	formationresistivity_fra	612.33	76.75
usgs 104	25-AUG-80	formationresistivity_fra	612.62	83.42
usgs 104	25-AUG-80	formationresistivity_fra	613.2	81.94
usgs 104	25-AUG-80	formationresistivity_fra	614.89	84.5
usgs 104	25-AUG-80	formationresistivity_fra	615.61	81.4
usgs 104	25-AUG-80	formationresistivity_fra	616.5	74.61
usgs 104	25-AUG-80	formationresistivity_fra	618.57	84.51999
usgs 104	25-AUG-80	formationresistivity_fra	619.25	78.45
usgs 104	25-AUG-80	formationresistivity_fra	620.28	72.71
usgs 104	25-AUG-80	formationresistivity_fra	621.53	70
usgs 104	25-AUG-80	formationresistivity_fra	621.75	74.62
usgs 104	25-AUG-80	formationresistivity_fra	622.22	73.42
usgs 104	25-AUG-80	formationresistivity_fra	623.36	82.09
usgs 104	25-AUG-80	formationresistivity_fra	625.72	65.92
usgs 104	25-AUG-80	formationresistivity_fra	626.71	67.43
usgs 104	25-AUG-80	formationresistivity_fra	627.25	75.5
usgs 104	25-AUG-80	formationresistivity_fra	628.61	85.11
usgs 104	25-AUG-80	formationresistivity_fra	629.39	78.08
usgs 104	25-AUG-80	formationresistivity_fra	630.9	76.41001
usgs 104	25-AUG-80	formationresistivity_fra	631.75	73.7
usgs 104	25-AUG-80	formationresistivity_fra	633.18	79.84
usgs 104	25-AUG-80	formationresistivity_fra	634.07	84.95
usgs 104	25-AUG-80	formationresistivity_fra	635.41	71.97
usgs 104	25-AUG-80	formationresistivity_fra	636.51	73.68
usgs 104	25-AUG-80	formationresistivity_fra	637.36	70.51
usgs 104	25-AUG-80	formationresistivity_fra	638.69	76.72
usgs 104	25-AUG-80	formationresistivity_fra	639.73	83.72
usgs 104	25-AUG-80	formationresistivity_fra	641.04	75.9
usgs 104	25-AUG-80	formationresistivity_fra	642.13	67.49

Well	Date	Log	Depth	Ohms
a:gs104fra	8/25/1980	formationresistivity_fra		sc=20ohms
usgs 104	25-AUG-80	formationresistivity_fra	642.82	69.21
usgs 104	25-AUG-80	formationresistivity_fra	644.43	79.8
usgs 104	25-AUG-80	formationresistivity_fra	644.9	78.33
usgs 104	25-AUG-80	formationresistivity_fra	645.11	79.58
usgs 104	25-AUG-80	formationresistivity_fra	645.76	76.06
usgs 104	25-AUG-80	formationresistivity_fra	646.53	78.32
usgs 104	25-AUG-80	formationresistivity_fra	647.31	75.45
usgs 104	25-AUG-80	formationresistivity_fra	647.31	75.45
usgs 104	25-AUG-80	formationresistivity_fra	648.8	69.8
usgs 104	25-AUG-80	formationresistivity_fra	649.24	71.71
usgs 104	25-AUG-80	formationresistivity_fra	650.39	70.51
usgs 104	25-AUG-80	formationresistivity_fra	650.91	71.39
usgs 104	25-AUG-80	formationresistivity_fra	651.63	70.95
usgs 104	25-AUG-80	formationresistivity_fra	651.84	73.83
usgs 104	25-AUG-80	formationresistivity_fra	653.13	83.05
usgs 104	25-AUG-80	formationresistivity_fra	653.63	78.37
usgs 104	25-AUG-80	formationresistivity_fra	654.23	79.44
usgs 104	25-AUG-80	formationresistivity_fra	654.84	72.55
usgs 104	25-AUG-80	formationresistivity_fra	655.43	73.65
usgs 104	25-AUG-80	formationresistivity_fra	655.81	71.9
usgs 104	25-AUG-80	formationresistivity_fra	656.53	73.73001
usgs 104	25-AUG-80	formationresistivity_fra	658.02	71.46
usgs 104	25-AUG-80	formationresistivity_fra	659.34	82.55
usgs 104	25-AUG-80	formationresistivity_fra	660.44	78.25
usgs 104	25-AUG-80	formationresistivity_fra	661.04	75.63
usgs 104	25-AUG-80	formationresistivity_fra	661.24	80.03
usgs 104	25-AUG-80	formationresistivity_fra	661.67	77.43
usgs 104	25-AUG-80	formationresistivity_fra	662.46	83.85
usgs 104	25-AUG-80	formationresistivity_fra	663.38	74.9
usgs 104	25-AUG-80	formationresistivity_fra	664.58	74.28
usgs 104	25-AUG-80	formationresistivity_fra	665.83	75.68
usgs 104	25-AUG-80	formationresistivity_fra	666.6	82.74
usgs 104	25-AUG-80	formationresistivity_fra	667.71	82.07
usgs 104	25-AUG-80	formationresistivity_fra	668.02	84.42
usgs 104	25-AUG-80	formationresistivity_fra	668.68	83.94
usgs 104	25-AUG-80	formationresistivity_fra	668.97	84.58999
usgs 104	25-AUG-80	formationresistivity_fra	669.31	83.9
usgs 104	25-AUG-80	formationresistivity_fra	669.9	85.48001
usgs 104	25-AUG-80	formationresistivity_fra	670.63	82.53
usgs 104	25-AUG-80	formationresistivity_fra	671.09	83.89
usgs 104	25-AUG-80	formationresistivity_fra	672.85	77.29
usgs 104	25-AUG-80	formationresistivity_fra	673.79	78.42
usgs 104	25-AUG-80	formationresistivity_fra	674.46	85.04
usgs 104	25-AUG-80	formationresistivity_fra	675.32	78.5
usgs 104	25-AUG-80	formationresistivity_fra	676.1	78.29
usgs 104	25-AUG-80	formationresistivity_fra	676.82	71.66001
usgs 104	25-AUG-80	formationresistivity_fra	678.51	83.7
usgs 104	25-AUG-80	formationresistivity_fra	679.35	73.37
usgs 104	25-AUG-80	formationresistivity_fra	679.77	63.07
usgs 104	25-AUG-80	formationresistivity_fra	681.43	47.47

Well	Date	Log	Depth	Ohms
a:gs104fra	8/25/1980	formationresistivity_fra		sc=20ohms
usgs 104	25-AUG-80	formationresistivity_fra	681.69	45.64
usgs 104	25-AUG-80	formationresistivity_fra	682.8	45.08
usgs 104	25-AUG-80	formationresistivity_fra	682.93	53.24
usgs 104	25-AUG-80	formationresistivity_fra	683.38	62.88
usgs 104	25-AUG-80	formationresistivity_fra	685.28	49.2
usgs 104	25-AUG-80	formationresistivity_fra	685.66	62
usgs 104	25-AUG-80	formationresistivity_fra	685.88	67.53

**USGS 104 Resistivity**

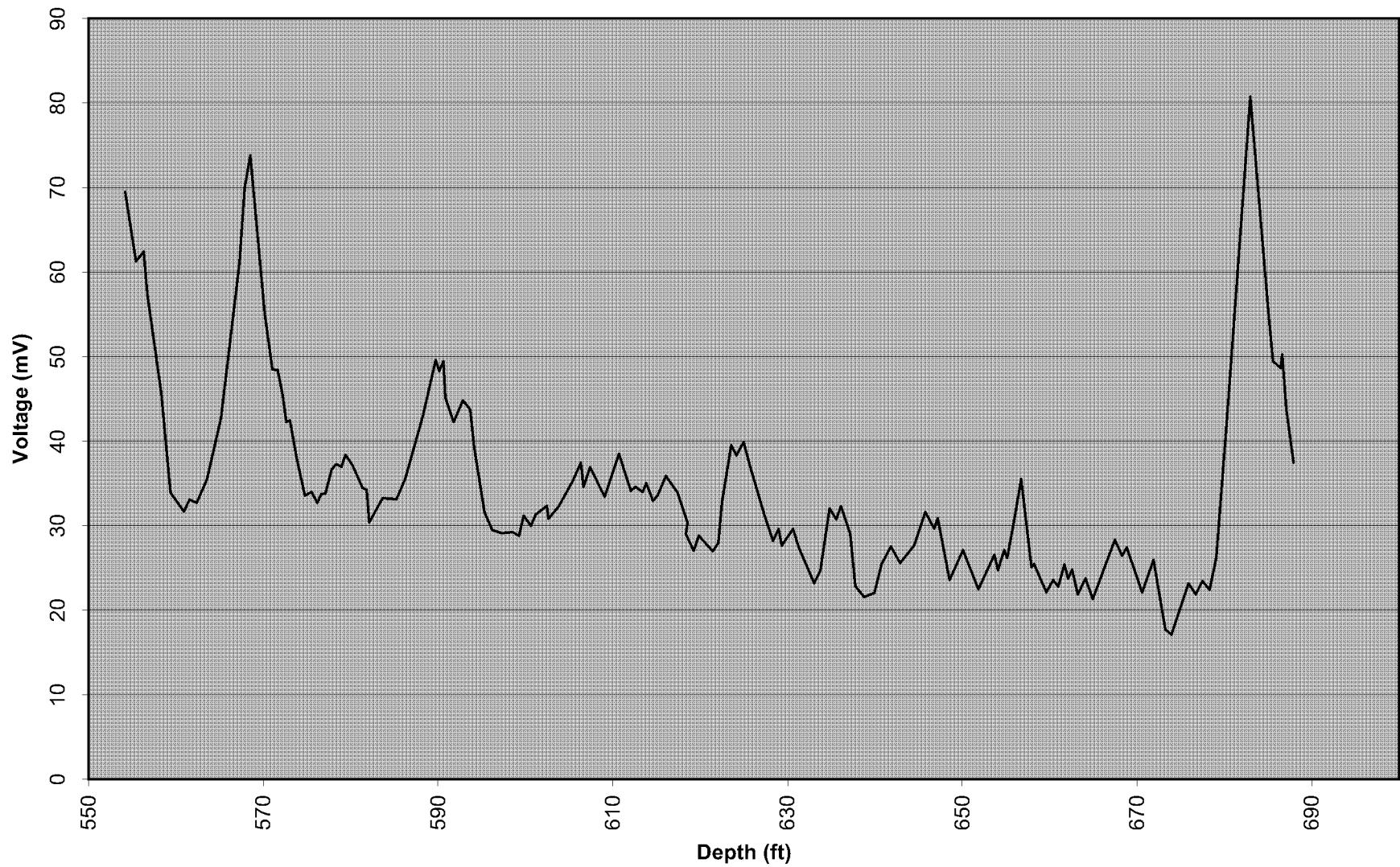


Well	Date	Log	Depth	sc=100mv	10	85	554	688
a:gs104spa	8/25/1980	selfpotential_sp						
usgs 104	25-AUG-80	selfpotential_sp	554.19	69.49				
usgs 104	25-AUG-80	selfpotential_sp	555.41	61.26				
usgs 104	25-AUG-80	selfpotential_sp	556.31	62.41				
usgs 104	25-AUG-80	selfpotential_sp	556.72	57.46				
usgs 104	25-AUG-80	selfpotential_sp	558.3	45.77				
usgs 104	25-AUG-80	selfpotential_sp	559.35	33.95				
usgs 104	25-AUG-80	selfpotential_sp	560.88	31.66				
usgs 104	25-AUG-80	selfpotential_sp	561.53	33.07				
usgs 104	25-AUG-80	selfpotential_sp	562.36	32.69				
usgs 104	25-AUG-80	selfpotential_sp	563.55	35.52				
usgs 104	25-AUG-80	selfpotential_sp	565.12	42.7				
usgs 104	25-AUG-80	selfpotential_sp	567.26	61.04				
usgs 104	25-AUG-80	selfpotential_sp	567.87	69.89				
usgs 104	25-AUG-80	selfpotential_sp	568.47	73.76				
usgs 104	25-AUG-80	selfpotential_sp	570.13	55.02				
usgs 104	25-AUG-80	selfpotential_sp	571	48.48				
usgs 104	25-AUG-80	selfpotential_sp	571.63	48.4				
usgs 104	25-AUG-80	selfpotential_sp	572.19	45.36				
usgs 104	25-AUG-80	selfpotential_sp	572.6	42.26				
usgs 104	25-AUG-80	selfpotential_sp	573.04	42.45				
usgs 104	25-AUG-80	selfpotential_sp	573.77	38.04				
usgs 104	25-AUG-80	selfpotential_sp	574.73	33.54				
usgs 104	25-AUG-80	selfpotential_sp	575.48	33.99				
usgs 104	25-AUG-80	selfpotential_sp	576.17	32.73				
usgs 104	25-AUG-80	selfpotential_sp	576.62	33.74				
usgs 104	25-AUG-80	selfpotential_sp	577.08	33.78				
usgs 104	25-AUG-80	selfpotential_sp	577.8	36.67				
usgs 104	25-AUG-80	selfpotential_sp	578.36	37.27				
usgs 104	25-AUG-80	selfpotential_sp	578.95	36.97				
usgs 104	25-AUG-80	selfpotential_sp	579.41	38.33				
usgs 104	25-AUG-80	selfpotential_sp	580.15	37.17				
usgs 104	25-AUG-80	selfpotential_sp	581.33	34.48				
usgs 104	25-AUG-80	selfpotential_sp	581.84	34.19				
usgs 104	25-AUG-80	selfpotential_sp	582.13	30.35				
usgs 104	25-AUG-80	selfpotential_sp	583.65	33.24				
usgs 104	25-AUG-80	selfpotential_sp	585.21	33.15				
usgs 104	25-AUG-80	selfpotential_sp	586.24	35.56				
usgs 104	25-AUG-80	selfpotential_sp	588.23	42.9				
usgs 104	25-AUG-80	selfpotential_sp	589.69	49.58				
usgs 104	25-AUG-80	selfpotential_sp	590.14	48.33				
usgs 104	25-AUG-80	selfpotential_sp	590.57	49.45				
usgs 104	25-AUG-80	selfpotential_sp	590.85	45.04				
usgs 104	25-AUG-80	selfpotential_sp	591.8	42.25				
usgs 104	25-AUG-80	selfpotential_sp	592.83	44.82				
usgs 104	25-AUG-80	selfpotential_sp	593.66	43.7				
usgs 104	25-AUG-80	selfpotential_sp	594.16	39.18				
usgs 104	25-AUG-80	selfpotential_sp	595.3	31.56				
usgs 104	25-AUG-80	selfpotential_sp	596.22	29.46				
usgs 104	25-AUG-80	selfpotential_sp	597.37	29.12				
usgs 104	25-AUG-80	selfpotential_sp	598.51	29.26				

Well	Date	Log	Depth	sc=100mv	10	85	554	688
a:gs104spa	8/25/1980	selfpotential_sp						
usgs 104	25-AUG-80	selfpotential_sp	599.25	28.76				
usgs 104	25-AUG-80	selfpotential_sp	599.79	31.2				
usgs 104	25-AUG-80	selfpotential_sp	600.62	29.95				
usgs 104	25-AUG-80	selfpotential_sp	601.14	31.31				
usgs 104	25-AUG-80	selfpotential_sp	602.46	32.32				
usgs 104	25-AUG-80	selfpotential_sp	602.64	30.84				
usgs 104	25-AUG-80	selfpotential_sp	603.82	32.29				
usgs 104	25-AUG-80	selfpotential_sp	605.4	35.23				
usgs 104	25-AUG-80	selfpotential_sp	606.31	37.41				
usgs 104	25-AUG-80	selfpotential_sp	606.63	34.57				
usgs 104	25-AUG-80	selfpotential_sp	607.38	36.92				
usgs 104	25-AUG-80	selfpotential_sp	609.03	33.42				
usgs 104	25-AUG-80	selfpotential_sp	610.71	38.49				
usgs 104	25-AUG-80	selfpotential_sp	612.05	34.07				
usgs 104	25-AUG-80	selfpotential_sp	612.55	34.62				
usgs 104	25-AUG-80	selfpotential_sp	613.42	33.98				
usgs 104	25-AUG-80	selfpotential_sp	613.79	35.01				
usgs 104	25-AUG-80	selfpotential_sp	614.57	32.95				
usgs 104	25-AUG-80	selfpotential_sp	615.14	33.57				
usgs 104	25-AUG-80	selfpotential_sp	616.07	35.87				
usgs 104	25-AUG-80	selfpotential_sp	617.38	34.02				
usgs 104	25-AUG-80	selfpotential_sp	618.55	30.3				
usgs 104	25-AUG-80	selfpotential_sp	618.35	29.02				
usgs 104	25-AUG-80	selfpotential_sp	619.24	27.06				
usgs 104	25-AUG-80	selfpotential_sp	619.83	28.76				
usgs 104	25-AUG-80	selfpotential_sp	621.39	26.98				
usgs 104	25-AUG-80	selfpotential_sp	622.07	27.91				
usgs 104	25-AUG-80	selfpotential_sp	622.46	32.78				
usgs 104	25-AUG-80	selfpotential_sp	623.53	39.5				
usgs 104	25-AUG-80	selfpotential_sp	624.16	38.29				
usgs 104	25-AUG-80	selfpotential_sp	624.97	39.93				
usgs 104	25-AUG-80	selfpotential_sp	625.68	37.1				
usgs 104	25-AUG-80	selfpotential_sp	627.25	31.55				
usgs 104	25-AUG-80	selfpotential_sp	628.3	28.22				
usgs 104	25-AUG-80	selfpotential_sp	628.99	29.56				
usgs 104	25-AUG-80	selfpotential_sp	629.34	27.65				
usgs 104	25-AUG-80	selfpotential_sp	630.6	29.55				
usgs 104	25-AUG-80	selfpotential_sp	631.35	27.25				
usgs 104	25-AUG-80	selfpotential_sp	633.05	23.24				
usgs 104	25-AUG-80	selfpotential_sp	633.73	24.65				
usgs 104	25-AUG-80	selfpotential_sp	634.81	32.07				
usgs 104	25-AUG-80	selfpotential_sp	635.57	30.77				
usgs 104	25-AUG-80	selfpotential_sp	636.09	32.27				
usgs 104	25-AUG-80	selfpotential_sp	637.18	29.05				
usgs 104	25-AUG-80	selfpotential_sp	637.77	22.88				
usgs 104	25-AUG-80	selfpotential_sp	638.74	21.54				
usgs 104	25-AUG-80	selfpotential_sp	639.91	22.03				
usgs 104	25-AUG-80	selfpotential_sp	640.73	25.46				
usgs 104	25-AUG-80	selfpotential_sp	641.79	27.51				
usgs 104	25-AUG-80	selfpotential_sp	642.86	25.57				

Well	Date	Log	Depth	sc=100mv	10	85	554	688
a:gs104spa	8/25/1980	selfpotential_sp						
usgs 104	25-AUG-80	selfpotential_sp	644.48	27.63				
usgs 104	25-AUG-80	selfpotential_sp	645.75	31.63				
usgs 104	25-AUG-80	selfpotential_sp	646.77	29.68				
usgs 104	25-AUG-80	selfpotential_sp	647.18	30.91				
usgs 104	25-AUG-80	selfpotential_sp	648.57	23.52				
usgs 104	25-AUG-80	selfpotential_sp	650.1	27.11				
usgs 104	25-AUG-80	selfpotential_sp	651.88	22.49				
usgs 104	25-AUG-80	selfpotential_sp	653.68	26.55				
usgs 104	25-AUG-80	selfpotential_sp	654.09	24.72				
usgs 104	25-AUG-80	selfpotential_sp	654.75	27.09				
usgs 104	25-AUG-80	selfpotential_sp	655.12	26.22				
usgs 104	25-AUG-80	selfpotential_sp	656.02	31.17				
usgs 104	25-AUG-80	selfpotential_sp	656.75	35.5				
usgs 104	25-AUG-80	selfpotential_sp	657.92	25.05				
usgs 104	25-AUG-80	selfpotential_sp	658.2	25.41				
usgs 104	25-AUG-80	selfpotential_sp	659.67	22.12				
usgs 104	25-AUG-80	selfpotential_sp	660.4	23.56				
usgs 104	25-AUG-80	selfpotential_sp	660.94	22.79				
usgs 104	25-AUG-80	selfpotential_sp	661.65	25.39				
usgs 104	25-AUG-80	selfpotential_sp	662.06	23.71				
usgs 104	25-AUG-80	selfpotential_sp	662.57	24.8				
usgs 104	25-AUG-80	selfpotential_sp	663.21	21.85				
usgs 104	25-AUG-80	selfpotential_sp	664.12	23.76				
usgs 104	25-AUG-80	selfpotential_sp	664.91	21.3				
usgs 104	25-AUG-80	selfpotential_sp	667.47	28.27				
usgs 104	25-AUG-80	selfpotential_sp	668.29	26.44				
usgs 104	25-AUG-80	selfpotential_sp	668.85	27.44				
usgs 104	25-AUG-80	selfpotential_sp	670.58	22.12				
usgs 104	25-AUG-80	selfpotential_sp	671.86	25.95				
usgs 104	25-AUG-80	selfpotential_sp	673.28	17.72				
usgs 104	25-AUG-80	selfpotential_sp	673.98	17.13				
usgs 104	25-AUG-80	selfpotential_sp	675.93	23.12				
usgs 104	25-AUG-80	selfpotential_sp	676.69	21.82				
usgs 104	25-AUG-80	selfpotential_sp	677.45	23.44				
usgs 104	25-AUG-80	selfpotential_sp	678.35	22.45				
usgs 104	25-AUG-80	selfpotential_sp	679.12	26.28				
usgs 104	25-AUG-80	selfpotential_sp	680.28	42.07				
usgs 104	25-AUG-80	selfpotential_sp	682.95	80.72				
usgs 104	25-AUG-80	selfpotential_sp	685.03	55.36				
usgs 104	25-AUG-80	selfpotential_sp	685.54	49.43				
usgs 104	25-AUG-80	selfpotential_sp	686.41	48.69				
usgs 104	25-AUG-80	selfpotential_sp	686.61	50.24				
usgs 104	25-AUG-80	selfpotential_sp	687.05	43.69				
usgs 104	25-AUG-80	selfpotential_sp	687.91	37.41				

### USGS 104 Self Potential



Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_ca	179.07	8.32				
usgs 107	09-SEP-80	caliper_ca	189.18	8.3				
usgs 107	09-SEP-80	caliper_ca	196.19	8.29				
usgs 107	09-SEP-80	caliper_ca	197.23	8.15				
usgs 107	09-SEP-80	caliper_ca	198.95	8.17				
usgs 107	09-SEP-80	caliper_ca	199.83	8.25				
usgs 107	09-SEP-80	caliper_ca	201.27	8.15				
usgs 107	09-SEP-80	caliper_ca	201.85	8.29				
usgs 107	09-SEP-80	caliper_ca	202.14	8.13				
usgs 107	09-SEP-80	caliper_ca	203.13	8.34				
usgs 107	09-SEP-80	caliper_ca	203.55	8.13				
usgs 107	09-SEP-80	caliper_ca	204.18	8.2				
usgs 107	09-SEP-80	caliper_ca	205.44	9.100001				
usgs 107	09-SEP-80	caliper_ca	206.27	8.11				
usgs 107	09-SEP-80	caliper_ca	209.6	8.11				
usgs 107	09-SEP-80	caliper_ca	210.57	8.16				
usgs 107	09-SEP-80	caliper_ca	211.36	8.640001				
usgs 107	09-SEP-80	caliper_ca	211.51	8.11				
usgs 107	09-SEP-80	caliper_ca	212.42	8.28				
usgs 107	09-SEP-80	caliper_ca	213.19	8.12				
usgs 107	09-SEP-80	caliper_ca	213.63	8.17				
usgs 107	09-SEP-80	caliper_ca	214.36	8.57				
usgs 107	09-SEP-80	caliper_ca	215.4	8.42				
usgs 107	09-SEP-80	caliper_ca	215.83	8.16				
usgs 107	09-SEP-80	caliper_ca	216.96	8.12				
usgs 107	09-SEP-80	caliper_ca	217.43	8.21				
usgs 107	09-SEP-80	caliper_ca	218.6	10.44				
usgs 107	09-SEP-80	caliper_ca	219.25	9.09				
usgs 107	09-SEP-80	caliper_ca	220.01	9.399999				
usgs 107	09-SEP-80	caliper_ca	220.52	8.310001				
usgs 107	09-SEP-80	caliper_ca	221.36	8.609999				
usgs 107	09-SEP-80	caliper_ca	221.45	9.83				
usgs 107	09-SEP-80	caliper_ca	222.61	16.28				
usgs 107	09-SEP-80	caliper_ca	222.7	12.76				
usgs 107	09-SEP-80	caliper_ca	223.26	10.59				
usgs 107	09-SEP-80	caliper_ca	223.73	11.14				
usgs 107	09-SEP-80	caliper_ca	224.26	11.1				
usgs 107	09-SEP-80	caliper_ca	224.96	11.77				
usgs 107	09-SEP-80	caliper_ca	225.51	10.65				
usgs 107	09-SEP-80	caliper_ca	225.51	10.37				
usgs 107	09-SEP-80	caliper_ca	226.17	10.07				
usgs 107	09-SEP-80	caliper_ca	226.57	10.25				
usgs 107	09-SEP-80	caliper_ca	226.89	9.42				
usgs 107	09-SEP-80	caliper_ca	227.89	8.479999				
usgs 107	09-SEP-80	caliper_ca	228.32	8.600001				
usgs 107	09-SEP-80	caliper_ca	228.7	8.34				
usgs 107	09-SEP-80	caliper_ca	229.44	8.28				
usgs 107	09-SEP-80	caliper_ca	229.7	8.11				
usgs 107	09-SEP-80	caliper_ca	231.55	8.11				
usgs 107	09-SEP-80	caliper_ca	232.27	8.32				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_ca	233.16	8.12				
usgs 107	09-SEP-80	caliper_ca	235.39	8.12				
usgs 107	09-SEP-80	caliper_ca	236.65	8.15				
usgs 107	09-SEP-80	caliper_ca	237.27	8.08				
usgs 107	09-SEP-80	caliper_ca	238.19	8.11				
usgs 107	09-SEP-80	caliper_ca	239.16	8.640001				
usgs 107	09-SEP-80	caliper_ca	239.51	8.18				
usgs 107	09-SEP-80	caliper_ca	240.43	8.09				
usgs 107	09-SEP-80	caliper_ca	241.34	8.13				
usgs 107	09-SEP-80	caliper_ca	242.37	8.09				
usgs 107	09-SEP-80	caliper_ca	244.78	8.11				
usgs 107	09-SEP-80	caliper_ca	245.36	8.2				
usgs 107	09-SEP-80	caliper_ca	246.44	9.38				
usgs 107	09-SEP-80	caliper_ca	247.29	14.14				
usgs 107	09-SEP-80	caliper_ca	248.19	17.47				
usgs 107	09-SEP-80	caliper_ca	249.85	17.38				
usgs 107	09-SEP-80	caliper_ca	250.43	17.15				
usgs 107	09-SEP-80	caliper_ca	250.8	15.48				
usgs 107	09-SEP-80	caliper_ca	251.25	14.11				
usgs 107	09-SEP-80	caliper_ca	251.82	14.39				
usgs 107	09-SEP-80	caliper_ca	252.25	13.67				
usgs 107	09-SEP-80	caliper_ca	252.4	14.12				
usgs 107	09-SEP-80	caliper_ca	253.35	12.62				
usgs 107	09-SEP-80	caliper_ca	253.6	14.53				
usgs 107	09-SEP-80	caliper_ca	254.02	13.59				
usgs 107	09-SEP-80	caliper_ca	254.98	15.87				
usgs 107	09-SEP-80	caliper_ca	255.47	14.28				
usgs 107	09-SEP-80	caliper_ca	255.84	14.2				
usgs 107	09-SEP-80	caliper_ca	256.14	12.36				
usgs 107	09-SEP-80	caliper_ca	256.33	10.13				
usgs 107	09-SEP-80	caliper_ca	256.39	9.95				
usgs 107	09-SEP-80	caliper_ca	257.45	10.44				
usgs 107	09-SEP-80	caliper_ca	257.8	8.850001				
usgs 107	09-SEP-80	caliper_ca	258.87	9.25				
usgs 107	09-SEP-80	caliper_ca	259.69	10.99				
usgs 107	09-SEP-80	caliper_ca	260.01	8.609999				
usgs 107	09-SEP-80	caliper_ca	260.28	8.15				
usgs 107	09-SEP-80	caliper_ca	260.66	8.05				
usgs 107	09-SEP-80	caliper_ca	261.85	8.08				
usgs 107	09-SEP-80	caliper_ca	262.56	8.18				
usgs 107	09-SEP-80	caliper_ca	263.85	8.03				
usgs 107	09-SEP-80	caliper_ca	274.38	8.05				
usgs 107	09-SEP-80	caliper_ca	275.17	8.04				
usgs 107	09-SEP-80	caliper_ca	276.46	8.16				
usgs 107	09-SEP-80	caliper_ca	277.4	8.04				
usgs 107	09-SEP-80	caliper_ca	279.49	8.05				
usgs 107	09-SEP-80	caliper_ca	281.18	8.020001				
usgs 107	09-SEP-80	caliper_ca	284.31	8.060001				
usgs 107	09-SEP-80	caliper_ca	285.68	8.03				
usgs 107	09-SEP-80	caliper_ca	289.99	8.07				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_ca	290.96	8.01				
usgs 107	09-SEP-80	caliper_ca	295.46	8.03				
usgs 107	09-SEP-80	caliper_ca	295.95	8.09				
usgs 107	09-SEP-80	caliper_ca	298.01	8.08				
usgs 107	09-SEP-80	caliper_ca	298.9	7.98				
usgs 107	09-SEP-80	caliper_ca	303.79	8.01				
usgs 107	09-SEP-80	caliper_ca	304.66	8.01				
usgs 107	09-SEP-80	caliper_ca	305.34	8.060001				
usgs 107	09-SEP-80	caliper_ca	306.33	8				
usgs 107	09-SEP-80	caliper_ca	313.47	8.020001				
usgs 107	09-SEP-80	caliper_ca	314.34	8.11				
usgs 107	09-SEP-80	caliper_ca	314.7	7.99				
usgs 107	09-SEP-80	caliper_ca	320.06	7.98				
usgs 107	09-SEP-80	caliper_ca	321.32	8.04				
usgs 107	09-SEP-80	caliper_ca	322.08	8.01				
usgs 107	09-SEP-80	caliper_ca	323.18	8.08				
usgs 107	09-SEP-80	caliper_ca	324.23	8				
usgs 107	09-SEP-80	caliper_ca	326.81	8				
usgs 107	09-SEP-80	caliper_ca	327.74	8.060001				
usgs 107	09-SEP-80	caliper_ca	329.2	7.98				
usgs 107	09-SEP-80	caliper_ca	332.18	8				
usgs 107	09-SEP-80	caliper_ca	332.73	8.01				
usgs 107	09-SEP-80	caliper_ca	333.67	7.97				
usgs 107	09-SEP-80	caliper_ca	336.85	7.97				
usgs 107	09-SEP-80	caliper_ca	338.83	8				
usgs 107	09-SEP-80	caliper_ca	339.87	8.05				
usgs 107	09-SEP-80	caliper_ca	340.42	7.99				
usgs 107	09-SEP-80	caliper_ca	343.78	7.98				
usgs 107	09-SEP-80	caliper_ca	344.16	8.07				
usgs 107	09-SEP-80	caliper_ca	345.53	9.020001				
usgs 107	09-SEP-80	caliper_ca	346.16	8.92				
usgs 107	09-SEP-80	caliper_ca	347.25	9.26				
usgs 107	09-SEP-80	caliper_ca	347.86	8.32				
usgs 107	09-SEP-80	caliper_ca	348.7	9.2				
usgs 107	09-SEP-80	caliper_ca	349.45	9.100001				
usgs 107	09-SEP-80	caliper_ca	350.23	9.75				
usgs 107	09-SEP-80	caliper_ca	351	8.270001				
usgs 107	09-SEP-80	caliper_ca	351.25	7.98				
usgs 107	09-SEP-80	caliper_ca	352.21	7.99				
usgs 107	09-SEP-80	caliper_ca	352.68	7.95				
usgs 107	09-SEP-80	caliper_ca	358.39	7.97				
usgs 107	09-SEP-80	caliper_ca	359.13	8.04				
usgs 107	09-SEP-80	caliper_ca	360.11	7.94				
usgs 107	09-SEP-80	caliper_ca	360.81	7.97				
usgs 107	09-SEP-80	caliper_ca	361.68	8.05				
usgs 107	09-SEP-80	caliper_ca	362.79	7.95				
usgs 107	09-SEP-80	caliper_ca	367.2	7.97				
usgs 107	09-SEP-80	caliper_ca	368.45	8.29				
usgs 107	09-SEP-80	caliper_ca	369.09	8.07				
usgs 107	09-SEP-80	caliper_ca	369.71	8.15				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_ca	370.2	7.99				
usgs 107	09-SEP-80	caliper_ca	370.81	8.05				
usgs 107	09-SEP-80	caliper_ca	372.59	7.98				
usgs 107	09-SEP-80	caliper_ca	373.72	7.93				
usgs 107	09-SEP-80	caliper_ca	377.58	7.95				
usgs 107	09-SEP-80	caliper_ca	378	8.020001				
usgs 107	09-SEP-80	caliper_ca	382.4	8.04				
usgs 107	09-SEP-80	caliper_ca	382.72	7.96				
usgs 107	09-SEP-80	caliper_ca	385.54	8.04				
usgs 107	09-SEP-80	caliper_ca	386.16	7.98				
usgs 107	09-SEP-80	caliper_ca	386.96	8.020001				
usgs 107	09-SEP-80	caliper_ca	387.8	8				
usgs 107	09-SEP-80	caliper_ca	389.1	8.05				
usgs 107	09-SEP-80	caliper_ca	391.37	8.04				
usgs 107	09-SEP-80	caliper_ca	392.23	7.92				
usgs 107	09-SEP-80	caliper_ca	396.02	7.96				
usgs 107	09-SEP-80	caliper_ca	396.49	8.01				
usgs 107	09-SEP-80	caliper_ca	397.69	7.97				
usgs 107	09-SEP-80	caliper_ca	398.09	7.91				
usgs 107	09-SEP-80	caliper_ca	406.97	7.91				
usgs 107	09-SEP-80	caliper_ca	407.74	8.04				
usgs 107	09-SEP-80	caliper_ca	408.49	7.9				
usgs 107	09-SEP-80	caliper_cb	409.28	7.86	0	18	410	540
usgs 107	09-SEP-80	caliper_cb	410.53	7.95				
usgs 107	09-SEP-80	caliper_cb	410.99	7.83				
usgs 107	09-SEP-80	caliper_cb	412.25	8.11				
usgs 107	09-SEP-80	caliper_cb	412.5	7.88				
usgs 107	09-SEP-80	caliper_cb	412.89	7.97				
usgs 107	09-SEP-80	caliper_cb	413.96	8.060001				
usgs 107	09-SEP-80	caliper_cb	414.47	7.82				
usgs 107	09-SEP-80	caliper_cb	415.97	7.83				
usgs 107	09-SEP-80	caliper_cb	417.04	7.88				
usgs 107	09-SEP-80	caliper_cb	418.62	8.310001				
usgs 107	09-SEP-80	caliper_cb	419.49	7.83				
usgs 107	09-SEP-80	caliper_cb	420.13	7.82				
usgs 107	09-SEP-80	caliper_cb	421.17	7.9				
usgs 107	09-SEP-80	caliper_cb	421.93	7.85				
usgs 107	09-SEP-80	caliper_cb	422.56	8.17				
usgs 107	09-SEP-80	caliper_cb	423.22	7.98				
usgs 107	09-SEP-80	caliper_cb	424.04	7.86				
usgs 107	09-SEP-80	caliper_cb	427.84	7.83				
usgs 107	09-SEP-80	caliper_cb	428.99	8.41				
usgs 107	09-SEP-80	caliper_cb	429.27	8.36				
usgs 107	09-SEP-80	caliper_cb	429.73	10.16				
usgs 107	09-SEP-80	caliper_cb	430.47	7.85				
usgs 107	09-SEP-80	caliper_cb	434.45	7.91				
usgs 107	09-SEP-80	caliper_cb	437.13	7.91				
usgs 107	09-SEP-80	caliper_cb	438.07	8.13				
usgs 107	09-SEP-80	caliper_cb	438.13	8.03				
usgs 107	09-SEP-80	caliper_cb	438.99	8.2				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_cb	439.34	7.84				
usgs 107	09-SEP-80	caliper_cb	440.27	7.86				
usgs 107	09-SEP-80	caliper_cb	440.58	8.05				
usgs 107	09-SEP-80	caliper_cb	440.83	10.69				
usgs 107	09-SEP-80	caliper_cb	441.63	10.23				
usgs 107	09-SEP-80	caliper_cb	442.07	10.47				
usgs 107	09-SEP-80	caliper_cb	442.36	9.890001				
usgs 107	09-SEP-80	caliper_cb	443.64	10.45				
usgs 107	09-SEP-80	caliper_cb	443.95	10.23				
usgs 107	09-SEP-80	caliper_cb	444.95	10.34				
usgs 107	09-SEP-80	caliper_cb	445.58	9.49				
usgs 107	09-SEP-80	caliper_cb	446.16	8.33				
usgs 107	09-SEP-80	caliper_cb	446.99	9.979999				
usgs 107	09-SEP-80	caliper_cb	447.53	7.89				
usgs 107	09-SEP-80	caliper_cb	448.37	8.8				
usgs 107	09-SEP-80	caliper_cb	449.25	8.100001				
usgs 107	09-SEP-80	caliper_cb	449.65	8.46				
usgs 107	09-SEP-80	caliper_cb	450.2	7.98				
usgs 107	09-SEP-80	caliper_cb	450.89	8				
usgs 107	09-SEP-80	caliper_cb	452.05	8.66				
usgs 107	09-SEP-80	caliper_cb	452.68	7.99				
usgs 107	09-SEP-80	caliper_cb	452.68	7.85				
usgs 107	09-SEP-80	caliper_cb	454.39	7.82				
usgs 107	09-SEP-80	caliper_cb	455.3	7.97				
usgs 107	09-SEP-80	caliper_cb	456.03	7.84				
usgs 107	09-SEP-80	caliper_cb	456.82	8.55				
usgs 107	09-SEP-80	caliper_cb	457.47	7.82				
usgs 107	09-SEP-80	caliper_cb	458.88	7.87				
usgs 107	09-SEP-80	caliper_cb	459.67	7.78				
usgs 107	09-SEP-80	caliper_cb	461	7.86				
usgs 107	09-SEP-80	caliper_cb	461.11	7.81				
usgs 107	09-SEP-80	caliper_cb	461.59	7.81				
usgs 107	09-SEP-80	caliper_cb	462.75	8.37				
usgs 107	09-SEP-80	caliper_cb	462.87	7.82				
usgs 107	09-SEP-80	caliper_cb	463.67	7.82				
usgs 107	09-SEP-80	caliper_cb	465.39	8.020001				
usgs 107	09-SEP-80	caliper_cb	465.79	8.020001				
usgs 107	09-SEP-80	caliper_cb	466.27	7.89				
usgs 107	09-SEP-80	caliper_cb	466.87	7.85				
usgs 107	09-SEP-80	caliper_cb	467.94	8.04				
usgs 107	09-SEP-80	caliper_cb	469.35	7.82				
usgs 107	09-SEP-80	caliper_cb	469.75	7.81				
usgs 107	09-SEP-80	caliper_cb	470.87	8.16				
usgs 107	09-SEP-80	caliper_cb	471.11	7.81				
usgs 107	09-SEP-80	caliper_cb	472.35	7.81				
usgs 107	09-SEP-80	caliper_cb	472.97	7.92				
usgs 107	09-SEP-80	caliper_cb	473.19	7.84				
usgs 107	09-SEP-80	caliper_cb	474.89	8.140001				
usgs 107	09-SEP-80	caliper_cb	475.34	7.89				
usgs 107	09-SEP-80	caliper_cb	475.9	7.89				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_cb	476.7	8.05				
usgs 107	09-SEP-80	caliper_cb	477.96	7.96				
usgs 107	09-SEP-80	caliper_cb	478.84	9.310001				
usgs 107	09-SEP-80	caliper_cb	479.11	7.83				
usgs 107	09-SEP-80	caliper_cb	481.59	7.82				
usgs 107	09-SEP-80	caliper_cb	482.53	7.88				
usgs 107	09-SEP-80	caliper_cb	483.16	7.82				
usgs 107	09-SEP-80	caliper_cb	486.4	7.82				
usgs 107	09-SEP-80	caliper_cb	487.46	8.04				
usgs 107	09-SEP-80	caliper_cb	488.1	8.11				
usgs 107	09-SEP-80	caliper_cb	488.84	7.83				
usgs 107	09-SEP-80	caliper_cb	490.81	7.83				
usgs 107	09-SEP-80	caliper_cb	491.83	7.79				
usgs 107	09-SEP-80	caliper_cb	495.84	7.81				
usgs 107	09-SEP-80	caliper_cb	496.8	7.87				
usgs 107	09-SEP-80	caliper_cb	497.6	7.87				
usgs 107	09-SEP-80	caliper_cb	498.1	7.8				
usgs 107	09-SEP-80	caliper_cb	500.68	7.79				
usgs 107	09-SEP-80	caliper_cb	501.58	8.38				
usgs 107	09-SEP-80	caliper_cb	502.11	6.72				
usgs 107	09-SEP-80	caliper_cb	502.23	6.29				
usgs 107	09-SEP-80	caliper_cb	502.88	6.58				
usgs 107	09-SEP-80	caliper_cb	503.33	3.95				
usgs 107	09-SEP-80	caliper_cb	504.59	6.66				
usgs 107	09-SEP-80	caliper_cb	505.13	8.24				
usgs 107	09-SEP-80	caliper_cb	505.49	7.25				
usgs 107	09-SEP-80	caliper_cb	506.73	8.84				
usgs 107	09-SEP-80	caliper_cb	507.87	5.6				
usgs 107	09-SEP-80	caliper_cb	508.79	8.04				
usgs 107	09-SEP-80	caliper_cb	509.2	7.94				
usgs 107	09-SEP-80	caliper_cb	509.11	8.87				
usgs 107	09-SEP-80	caliper_cb	510.03	8.57				
usgs 107	09-SEP-80	caliper_cb	510.21	9.07				
usgs 107	09-SEP-80	caliper_cb	510.61	12.13				
usgs 107	09-SEP-80	caliper_cb	511.53	15.5				
usgs 107	09-SEP-80	caliper_cb	512.22	12.46				
usgs 107	09-SEP-80	caliper_cb	512.6	7.8				
usgs 107	09-SEP-80	caliper_cb	513.23	8.21				
usgs 107	09-SEP-80	caliper_cb	513.9	7.73				
usgs 107	09-SEP-80	caliper_cb	514.61	8.75				
usgs 107	09-SEP-80	caliper_cb	515.02	8.11				
usgs 107	09-SEP-80	caliper_cb	515.37	8.42				
usgs 107	09-SEP-80	caliper_cb	515.9	7.97				
usgs 107	09-SEP-80	caliper_cb	516.06	7.64				
usgs 107	09-SEP-80	caliper_cb	517.26	11.59				
usgs 107	09-SEP-80	caliper_cb	518.14	7.81				
usgs 107	09-SEP-80	caliper_cb	518.79	8.5				
usgs 107	09-SEP-80	caliper_cb	519.02	7.86				
usgs 107	09-SEP-80	caliper_cb	519.19	8.16				
usgs 107	09-SEP-80	caliper_cb	519.72	7.84				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_cb	519.87	8.600001				
usgs 107	09-SEP-80	caliper_cb	520.73	8.25				
usgs 107	09-SEP-80	caliper_cb	521.42	9.890001				
usgs 107	09-SEP-80	caliper_cb	521.94	7.89				
usgs 107	09-SEP-80	caliper_cb	522.96	8.43				
usgs 107	09-SEP-80	caliper_cb	523.17	8.140001				
usgs 107	09-SEP-80	caliper_cb	523.59	8.439999				
usgs 107	09-SEP-80	caliper_cb	524.2	7.9				
usgs 107	09-SEP-80	caliper_cb	524.97	8.390001				
usgs 107	09-SEP-80	caliper_cb	525.12	7.69				
usgs 107	09-SEP-80	caliper_cb	525.82	8.3				
usgs 107	09-SEP-80	caliper_cb	526.39	7.96				
usgs 107	09-SEP-80	caliper_cb	526.87	8.54				
usgs 107	09-SEP-80	caliper_cb	528.06	7.68				
usgs 107	09-SEP-80	caliper_cb	528.91	7.9				
usgs 107	09-SEP-80	caliper_cb	529.46	7.83				
usgs 107	09-SEP-80	caliper_cb	530.35	8				
usgs 107	09-SEP-80	caliper_cb	531	7.78				
usgs 107	09-SEP-80	caliper_cb	531.32	7.92				
usgs 107	09-SEP-80	caliper_cb	531.57	7.81				
usgs 107	09-SEP-80	caliper_cb	532.06	7.98				
usgs 107	09-SEP-80	caliper_cb	533.3	7.6				
usgs 107	09-SEP-80	caliper_cb	533.7	7.55				
usgs 107	09-SEP-80	caliper_cb	534.45	7.63				
usgs 107	09-SEP-80	caliper_cb	534.71	7.53				
usgs 107	09-SEP-80	caliper_cb	535.47	7.63				
usgs 107	09-SEP-80	caliper_cb	535.78	7.54				
usgs 107	09-SEP-80	caliper_cb	536.64	7.54				
usgs 107	09-SEP-80	caliper_cb	537.34	7.59				
usgs 107	09-SEP-80	caliper_cb	538.07	7.52				
usgs 107	09-SEP-80	caliper_cb	538.96	7.53				
usgs 107	09-SEP-80	caliper_cc	539.07	7.77	0	18	180	686
usgs 107	09-SEP-80	caliper_cc	539.68	7.8				
usgs 107	09-SEP-80	caliper_cc	540	8.020001				
usgs 107	09-SEP-80	caliper_cc	540.6	7.74				
usgs 107	09-SEP-80	caliper_cc	543.76	7.74				
usgs 107	09-SEP-80	caliper_cc	544.93	7.76				
usgs 107	09-SEP-80	caliper_cc	545.33	7.87				
usgs 107	09-SEP-80	caliper_cc	545.62	7.78				
usgs 107	09-SEP-80	caliper_cc	546.02	7.84				
usgs 107	09-SEP-80	caliper_cc	546.71	7.8				
usgs 107	09-SEP-80	caliper_cc	547.79	7.92				
usgs 107	09-SEP-80	caliper_cc	548.09	7.69				
usgs 107	09-SEP-80	caliper_cc	550.94	7.76				
usgs 107	09-SEP-80	caliper_cc	551.69	7.93				
usgs 107	09-SEP-80	caliper_cc	552.99	8.37				
usgs 107	09-SEP-80	caliper_cc	553.6	7.73				
usgs 107	09-SEP-80	caliper_cc	554.35	7.9				
usgs 107	09-SEP-80	caliper_cc	554.93	7.75				
usgs 107	09-SEP-80	caliper_cc	556.76	8.270001				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_cc	556.81	7.93				
usgs 107	09-SEP-80	caliper_cc	557.45	8.23				
usgs 107	09-SEP-80	caliper_cc	557.68	7.87				
usgs 107	09-SEP-80	caliper_cc	559.62	7.7				
usgs 107	09-SEP-80	caliper_cc	560.54	7.74				
usgs 107	09-SEP-80	caliper_cc	561.27	7.71				
usgs 107	09-SEP-80	caliper_cc	562.3	8				
usgs 107	09-SEP-80	caliper_cc	562.4	7.69				
usgs 107	09-SEP-80	caliper_cc	569.8	7.72				
usgs 107	09-SEP-80	caliper_cc	570.23	7.77				
usgs 107	09-SEP-80	caliper_cc	570.98	8.24				
usgs 107	09-SEP-80	caliper_cc	571.42	7.69				
usgs 107	09-SEP-80	caliper_cc	571.97	7.78				
usgs 107	09-SEP-80	caliper_cc	572.45	7.69				
usgs 107	09-SEP-80	caliper_cc	581.38	7.69				
usgs 107	09-SEP-80	caliper_cc	582.21	7.75				
usgs 107	09-SEP-80	caliper_cc	583.35	7.71				
usgs 107	09-SEP-80	caliper_cc	583.94	7.93				
usgs 107	09-SEP-80	caliper_cc	584.53	7.87				
usgs 107	09-SEP-80	caliper_cc	585.02	8.04				
usgs 107	09-SEP-80	caliper_cc	585.51	7.82				
usgs 107	09-SEP-80	caliper_cc	585.6	7.71				
usgs 107	09-SEP-80	caliper_cc	586.74	7.84				
usgs 107	09-SEP-80	caliper_cc	587.35	7.7				
usgs 107	09-SEP-80	caliper_cc	588.78	7.68				
usgs 107	09-SEP-80	caliper_cc	590.04	7.8				
usgs 107	09-SEP-80	caliper_cc	590.35	7.68				
usgs 107	09-SEP-80	caliper_cc	591.83	7.71				
usgs 107	09-SEP-80	caliper_cc	592.35	7.77				
usgs 107	09-SEP-80	caliper_cc	593.11	8.34				
usgs 107	09-SEP-80	caliper_cc	594.18	7.73				
usgs 107	09-SEP-80	caliper_cc	594.76	7.7				
usgs 107	09-SEP-80	caliper_cc	595.26	7.78				
usgs 107	09-SEP-80	caliper_cc	596.02	7.73				
usgs 107	09-SEP-80	caliper_cc	597.03	7.81				
usgs 107	09-SEP-80	caliper_cc	598.16	8.47				
usgs 107	09-SEP-80	caliper_cc	598.56	7.86				
usgs 107	09-SEP-80	caliper_cc	599.06	8.21				
usgs 107	09-SEP-80	caliper_cc	599.6	7.73				
usgs 107	09-SEP-80	caliper_cc	600.78	7.7				
usgs 107	09-SEP-80	caliper_cc	601.5	7.75				
usgs 107	09-SEP-80	caliper_cc	602.84	8.560001				
usgs 107	09-SEP-80	caliper_cc	603.35	7.69				
usgs 107	09-SEP-80	caliper_cc	604.57	7.9				
usgs 107	09-SEP-80	caliper_cc	604.87	7.71				
usgs 107	09-SEP-80	caliper_cc	606.52	7.71				
usgs 107	09-SEP-80	caliper_cc	606.98	7.72				
usgs 107	09-SEP-80	caliper_cc	607.51	7.83				
usgs 107	09-SEP-80	caliper_cc	607.88	7.66				
usgs 107	09-SEP-80	caliper_cc	608.8	7.7				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_cc	609.71	7.68				
usgs 107	09-SEP-80	caliper_cc	611.45	7.72				
usgs 107	09-SEP-80	caliper_cc	612.93	7.69				
usgs 107	09-SEP-80	caliper_cc	621.27	7.66				
usgs 107	09-SEP-80	caliper_cc	622.56	7.75				
usgs 107	09-SEP-80	caliper_cc	622.98	7.66				
usgs 107	09-SEP-80	caliper_cc	623.95	7.74				
usgs 107	09-SEP-80	caliper_cc	624.59	7.64				
usgs 107	09-SEP-80	caliper_cc	628.82	7.6				
usgs 107	09-SEP-80	caliper_cc	631.33	7.7				
usgs 107	09-SEP-80	caliper_cc	631.97	7.69				
usgs 107	09-SEP-80	caliper_cc	632.69	7.63				
usgs 107	09-SEP-80	caliper_cc	634.02	7.88				
usgs 107	09-SEP-80	caliper_cc	634.92	7.67				
usgs 107	09-SEP-80	caliper_cc	635.81	7.8				
usgs 107	09-SEP-80	caliper_cc	636.68	7.78				
usgs 107	09-SEP-80	caliper_cc	637.04	7.82				
usgs 107	09-SEP-80	caliper_cc	637.74	7.79				
usgs 107	09-SEP-80	caliper_cc	638.25	7.87				
usgs 107	09-SEP-80	caliper_cc	638.76	7.87				
usgs 107	09-SEP-80	caliper_cc	639.14	7.61				
usgs 107	09-SEP-80	caliper_cc	640.24	7.73				
usgs 107	09-SEP-80	caliper_cc	641.07	7.69				
usgs 107	09-SEP-80	caliper_cc	641.8	7.91				
usgs 107	09-SEP-80	caliper_cc	642.56	7.69				
usgs 107	09-SEP-80	caliper_cc	643.38	7.73				
usgs 107	09-SEP-80	caliper_cc	644.32	7.9				
usgs 107	09-SEP-80	caliper_cc	645.02	7.64				
usgs 107	09-SEP-80	caliper_cc	645.48	7.6				
usgs 107	09-SEP-80	caliper_cc	646.53	7.84				
usgs 107	09-SEP-80	caliper_cc	646.96	7.64				
usgs 107	09-SEP-80	caliper_cc	647.44	7.66				
usgs 107	09-SEP-80	caliper_cc	648	7.63				
usgs 107	09-SEP-80	caliper_cc	648.4	7.65				
usgs 107	09-SEP-80	caliper_cc	649.17	8.01				
usgs 107	09-SEP-80	caliper_cc	649.65	7.63				
usgs 107	09-SEP-80	caliper_cc	650.56	7.84				
usgs 107	09-SEP-80	caliper_cc	650.93	7.59				
usgs 107	09-SEP-80	caliper_cc	651.65	7.62				
usgs 107	09-SEP-80	caliper_cc	652.32	7.62				
usgs 107	09-SEP-80	caliper_cc	654.57	7.62				
usgs 107	09-SEP-80	caliper_cc	655	7.65				
usgs 107	09-SEP-80	caliper_cc	656.05	7.87				
usgs 107	09-SEP-80	caliper_cc	656.74	7.72				
usgs 107	09-SEP-80	caliper_cc	657.12	7.83				
usgs 107	09-SEP-80	caliper_cc	657.96	7.63				
usgs 107	09-SEP-80	caliper_cc	658.6	7.66				
usgs 107	09-SEP-80	caliper_cc	659.42	7.6				
usgs 107	09-SEP-80	caliper_cc	661.17	7.61				
usgs 107	09-SEP-80	caliper_cc	661.7	7.78				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492
usgs 107	09-SEP-80	caliper_cc	662.38	7.62				
usgs 107	09-SEP-80	caliper_cc	663.92	7.64				
usgs 107	09-SEP-80	caliper_cc	664.95	7.63				
usgs 107	09-SEP-80	caliper_cc	665.56	7.87				
usgs 107	09-SEP-80	caliper_cc	666.21	7.73				
usgs 107	09-SEP-80	caliper_cc	667.15	8				
usgs 107	09-SEP-80	caliper_cc	667.69	7.77				
usgs 107	09-SEP-80	caliper_cc	667.94	8.03				
usgs 107	09-SEP-80	caliper_cc	669.27	7.83				
usgs 107	09-SEP-80	caliper_cc	669.99	8				
usgs 107	09-SEP-80	caliper_cc	670.39	7.89				
usgs 107	09-SEP-80	caliper_cc	671	7.95				
usgs 107	09-SEP-80	caliper_cc	672.24	7.8				
usgs 107	09-SEP-80	caliper_cc	673.43	8.19				
usgs 107	09-SEP-80	caliper_cc	674.04	7.61				
usgs 107	09-SEP-80	caliper_cc	674.66	7.75				
usgs 107	09-SEP-80	caliper_cc	675.82	8.54				
usgs 107	09-SEP-80	caliper_cc	676.56	7.89				
usgs 107	09-SEP-80	caliper_cc	677.27	8.57				
usgs 107	09-SEP-80	caliper_cc	677.61	7.63				
usgs 107	09-SEP-80	caliper_cc	678.94	7.59				
usgs 107	09-SEP-80	caliper_cc	680.6	7.93				
usgs 107	09-SEP-80	caliper_cc	681.25	7.7				
usgs 107	09-SEP-80	caliper_cc	682.1	7.65				
usgs 107	09-SEP-80	caliper_cc	683.09	7.94				
usgs 107	09-SEP-80	caliper_cc	683.3	8.15				
usgs 107	09-SEP-80	caliper_cc	684.6	7.87				
usgs 107	09-SEP-80	caliper_cc	684.92	7.32				
usgs 107	09-SEP-80	caliper_cc	684.92	5.44				

Well	Date	Log	Depth	Diameter				
a:gs107_ca	9/9/1980	caliper_ca		inches	0	17.5	175	492